“The Miracle of Life”

1. How do cells divide?
2. How many genes are on a chromosome?
3. How many chromosomes are in an egg cell? How about a sperm cell?
4. How does the egg get from the ovary to the Fallopian tube?
5. How long does it take for the egg to travel from the ovary to the uterus?
6. How long is the egg able to be fertilized before it disintegrates?
7. What controls the reproductive cycles of both males and females?
8. What part of the male reproductive system are sperm cells produced in?
9. Why is the structure indicated above located on the outside of the male body?
10. What internal structures does semen pass through to exit the male body?
11. The male’s body considers its own sperm foreign because they only have 23 chromosomes. What protects the sperm, and then escorts them at the beginning of their journey?
12. What percentage of the sperm are defective? \_\_\_\_\_\_\_\_ What can cause defects in the sperm?
13. How is the mucin in the vagina different during ovulation?
14. Does the zygote grow as it begins to divide? Why?
15. How many days until the blastocyst (the fluid-filled ball of cells) implants in the wall of the uterus?